AUTHOR INDEX TO VOLUME 139

Abrams, S.R., M. Green, R.P. Steer and M. Szymanski, Unusual deuterium isotope effect	
on the radiationless decay of xanthione S ₂	139 (1987) 182
Adachi, Y., see T. Masaki	139 (1987) 62
Ågren, H., A. Cesar and V. Carravetta, On the constant resonance width approximation	
for core electron ionization	139 (1987) 145
Ahsen, V., see C. Sirlin	139 (1987) 362
Akagi, T., F. Imashiro, T. Terao, N. Hirota and S. Hayashi, A study of hydrogen-bond dynamics in carboxylic acids by NMR T_1 measurements: isotope effects and hydrogen-bond length dependence	139 (1987) 331
Amrein, A., H. Hollenstein, P. Locher, M. Quack, U. Schmitt and H. Bürger, Analysis of	137 (1707) 331
the ν_4 and ν_1 bands of CF ₃ Cl measured by supersonic free-jet FTIR spectroscopy	139 (1987) 82
Anderson, C.F., see M.D. Paulsen	139 (1987) 448
Arai, S., see M. Ukai	139 (1987) 612
Asamoto, B. and R.C. Dunbar, Internal energy effects in photodissociation: relaxation of	139 (1907) 012
excited thiophenol ions formed by electron-impact ionization	139 (1987) 225
Attard, P., R. Kjellander and D.J. Mitchell, Interactions between electro-neutral surfaces	137 (1707) 223
bearing mobile charges	139 (1987) 219
Avnir, D., see D. Pines-Rojanski	139 (1987) 109
Avini, D., see D. I ines-Rojanski	137 (1767) 107
Bagchi, B., On the temperature dependence of the rate in barrierless reactions in solution	139 (1987) 119
Balasubramanian, K., Relativistic calculations of electronic states of SnS	139 (1987) 262
Balasubramanian, K., M.Z. Liao and M. Han, Theoretical investigation of electronic states	
of SeH and SeH ⁺	139 (1987) 551
Banerjee, A.K. and M. Chowdhury, Linear dichroism spectra of cubic sodium uranyl ace-	
tate single crystal	139 (1987) 421
Bard, A.J., see J.K. Leland	139 (1987) 453
Bauder, A., see P. Groner	139 (1987) 479
Bekâroğlu, Ö., see C. Sirlin	139 (1987) 362
Bell, T.N., see B. Ruzsicska	139 (1987) 72
Bendow, B., see M. Eyal	139 (1987) 395
Benjamin, I., I.L. Cooper and R.D. Levine, Dipole operator and vibrational overtone tran-	
sitions in diatomic molecules via an algebraic approach	139 (1987) 285
Berg, M., C.A. Walsh, L.R. Narasimhan, K.A. Littau and M.D. Fayer, Homogeneous opti-	
cal dephasing and line broadening processes in an organic glass: comparison of the tem-	
perature dependences of picosecond photon echo and hole burning experiments	139 (1987) 66
Berg, M., see C.A. Walsh	139 (1987) 485
Bernage, P., see Y. Lefebvre	139 (1987) 212
Bishop, D.M. and C. Pouchan, Self-consistent-field study of electrical properties and their	
derivatives for the isoelectronic series NH ₂ , H ₂ O and FH ₂ ⁺	139 (1987) 531
Black, G. and L.E. Jusinski, Multiphoton production and dectection of N(2D)	139 (1987) 41
Black, G. and L.E. Jusinski, Laser-induced fluorescence of i-C ₃ H ₇ S radicals	139 (1987) 431

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
Blümich, B., see Y. Yang		139 (1987) 239
Bosio, L., see C. Sirlin		139 (1987) 362
Botschwina, P., A theoretical inve	estigation of HC ₂ NH ⁺	139 (1987) 255
Breckenridge, W.H. and JH. Was state distributions in M*+H ₂ (I	ng, The lack of leaving-atom isotope effects on rotational $HD) \rightarrow MH(v,N) + H(D)$ reactions: "half-collision" clas-	
Brooks, R.L. and B.G. Nickel, Ro	M-H anisotropic potential surfaces stational perturbation between two electronically excited	139 (1987) 28
states of ⁴ HeD		139 (1987) 503
	rt, Carbon monoxide binding and catalysis by unusual SCF calculations on the ² Π state of CuCO	139 (1987) 267
Brunner, E., see D. Freude		139 (1987) 325
Buenker, R.J., see P.R. Bunker		139 (1987) 159
	Schürmann and R.J. Buenker, The ab initio calculation onal frequencies of the \tilde{A} - \tilde{X} system of HNCl using the	139 (1987) 159
Bürger, H., see A. Amrein		139 (1987) 82
	s in quantum chemistry, Chem. Phys. Letters 136 (1987)	(,
128. Erratum	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	139 (1987) 612
Calef, D.F. and B.M. Pettitt, A th	neoretical study of the structure of shocked water	139 (1987) 129
Callen, B., see M. Lambert		139 (1987) 45
Calogero, R., see S. Cannistraro		139 (1987) 116
tion of gaseous dinitrogen pent Cannistraro, S., C. Petrillo, F. Sac	Lechuga-Fossat, G. Laverdet and G. le Bras, The absorptoxide in the 8.1 and 5.7 µm spectral regions echetti, R. Calogero and C.O. Gualerzi, Neutron diffractigered intermolecular interactions in the ribosomal pro-	139 (1987) 345
tein IF-2	gered intermolecular interactions in the ribosomal pro-	139 (1987) 116
Car, R., see D. Hohl		139 (1987) 540
Carravetta, V., see H. Ågren		139 (1987) 145
Cesar, A., see H. Agren		139 (1987) 145
	Fleming and A. Perico, Picosecond fluorescence studies	100 (1001) 110
	rescence anisotropies and lifetimes	139 (1987) 55
Cheshnovsky, O., see S.H. Yang		139 (1987) 233
Chowdhury, M., see A.K. Banerje	ee	139 (1987) 421
	tophorou and D.L. McCorkle, Effect of temperature on	
	on attachment to perfluorocyclobutane (c-C ₄ F ₈)	139 (1987) 350
Christophorou, L.G., see A.A. Ch		139 (1987) 350
Chu, SI, see J. Needels		139 (1987) 35
	The non-linear itinerant oscillator model: the effect on ncluding barrier-crossing by dipoles	139 (1987) 290
Conceicao, J., see S.H. Yang	- Alle Alle	139 (1987) 233
Cooper, I.L., see I. Benjamin		139 (1987) 285
Corcoran, P.M., see W.T. Coffey		139 (1987) 290
Cox, A.P., see C.A. Rego		139 (1987) 595
Dagaut, P., see M.J. Kurylo		139 (1987) 513
Dao, P. and A. Twarowski, Pho- hexafluoroacetylacetonate	tokinetics of gas phase europium(III) chelated with	

V-11201(CHEMICAL DUVELOG I ETTEDS	11 September 1987
Volume 139, number 6	CHEMICAL PHYSICS LETTERS	•
Des BV ess B Duewid		139 (1987) 507 139 (1987) 475
Das, P.K., see R. Duguid		
Delaval, J.M., see Y. Lefebvre		139 (1987) 212
De Silvestri, S., see L.R. William		139 (1987) 244
	Correlation between crystallographic and spectroscopic	120 (1007) 260
properties for C-HO bonds		139 (1987) 360
	A photoemission study of the Cu/MnO interface	139 (1987) 215
Doane, J.W., see J.M. Pope	C. I. L	139 (1987) 589
	G. Johnson, J. Lewis, E.A. Marseglia, S.D. Obertelli and	120 (1007) 226
	f paramagnetism in transition-metal carbonyl clusters	139 (1987) 336
Dubov, D.Yu., see A.A. Vostriko	N .	139 (1987) 124
Dugan, H., see M. Lambert		139 (1987) 45
	Munoz-Sola, K. Muthuramu, V. Rasbury, TV. Singh, L. Hug, Radiationless decay in substituted alkylbenzenes	
in solution		139 (1987) 475
Dunbar, R.C., see B. Asamoto		139 (1987) 225
Dunn, K.M., The isolated CH ch	romophore in CD ₂ FH and CD ₃ H	139 (1987) 165
Dymanus, A., see G. Meijer		139 (1987) 603
Eden, J.G., see D.B. Geohegan		139 (1987) 519
Edwards, P.P., see S.R. Drake		139 (1987) 336
Elber, R. and M. Karplus, A met	thod for determining reaction paths in large molecules:	
application to myoglobin		139 (1987) 375
Engelking, P.C., "Magic" losses f	from metastable N _{2n} clusters as a statistical evaporation	
process		139 (1987) 6
Even, R., see TH. Tran-Thi		139 (1987) 207
	nsen and B. Bendow, Laser properties of holmium and	, , , , , , , , , , , , , , , , , , , ,
erbium in thorium-, zinc- and		139 (1987) 395
Favre P and CW Schlänfer Core	relation of the electronic structure of dihedral Ni(0) (d ¹⁰)	
and planar Ni(II) (d ⁸) compl		139 (1987) 250
Fayer, M.D., see M. Berg	cxcs	139 (1987) 66
Fayer, M.D., see C.A. Walsh		,
Ferrante, R.F., see R.J. van Zee		139 (1987) 485
	dunder A commenting study of the electromeduction of	139 (1987) 426
	alvador, A comparative study of the electroreduction of tal CdS electrodes: implications for H ₂ evolution in col-	
loidal suspensions	AD ANALON DESCRIPTION OF A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	139 (1987) 271
Filseth, S.V., see M. Lambert		139 (1987) 45
Fink, W.H., see W.J. Stevens		139 (1987) 15
	ared spectroscopy of benzene dimers	139 (1987) 316
Flament, J.P., see D. Winkoun	area spectroscopy or benzene anners	139 (1987) 546
Flammang, R., see C. Wentrup		139 (1987) 613
Flaud, JM., see C. Camy-Peyret		
Fleming, G.R., see L.XQ. Chen		139 (1987) 345
		139 (1987) 55
	inear dichroism study of colloidal silver in stretched pol-	120 (1007) 102
ymer films		139 (1987) 103
Frenking, G., see W. Koch	NO. D. D H. C. I. III. III. III.	139 (1987) 149
Freude, D., E. Brunner, H. Pf	eifer, D. Prager, HG. Jerschkewitz, U. Lohse and	

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
G. Oehlmann, Magic-angle-s	spinning NMR studies of dealuminated zeolites	139 (1987) 325
Gamble Jr., E.B., see L.R. Will	liams	139 (1987) 244
Garcia, E., see A. Laganà		139 (1987) 140
Geohegan, D.B. and J.G. Eden	, Xe ₂ Cl and Kr ₂ F excited state (4 ² Γ) absorption spectra:	
measurements of absolute cr	ross sections	139 (1987) 519
Gien, T.T., Core-corrected mo	odified Glauber approximation for e [±] -alkali-metal-atom	
collisions		139 (1987) 23
Gislason, E.A., see M. Sizun		139 (1987) 1
Glownia, J.H., J. Misewich and	P.P. Sorokin, Subpicosecond IR transient absorption spec-	
troscopy: measurement of in	nternal conversion rates in DABCO vapor	139 (1987) 491
Goodwin, H.A. and K.H. Sugiy	varto, Lattice trapping of metastable quintet state bis(2,6-	
bis(pyrazol-3-yl)pyridine)ire	on(II) bis(tetrafluoroborate), a spin crossover system, and	
kinetics of the quintet-single	et transformation	139 (1987) 470
Green, M., see S.R. Abrams		139 (1987) 182
Greene, B.I., J. Orenstein, R.R.	Millard and L.R. Williams, Picosecond relaxation dynam-	
ics in polydiacetylene-pTS	Many and the Control of the Control	139 (1987) 381
Grieser, F., see D. Fornasiero		139 (1987) 103
	and A. Bauder, Microwave spectrum, dipole moment and	
	pyruvonitrile (CH ₃ C(CN)=NH)	139 (1987) 479
	on and R.E. Wasylishen, Magic-angle-spinning ¹⁵ N NMR	
of ammonium sulfate		139 (1987) 321
Gualerzi, C.O., see S. Cannistra		139 (1987) 116
	ce of the β -proton hyperfine coupling constant in β -sub-	
stituted ethyl radicals		139 (1987) 463
Gunde, R., see P. Groner		139 (1987) 479
Ha, TK., see P. Groner		139 (1987) 479
	appan, Thermochromic shifts of some molecular and exci-	
plex fluorescence spectra		139 (1987) 499
	Isomorphous substitution of framework silicon by alu- determining resolution of ²⁹ Si magic-angle-spinning NMR	
spectra of pentasil zeolites		139 (1987) 576
Han, M., see K. Balasubramani	an	139 (1987) 551
Hase, W.L., Properties of variation	tional transition states for association reactions	139 (1987) 389
Hayashi, S., see T. Akagi		139 (1987) 331
Hikida, T., see H. Hiratsuka		139 (1987) 187
Hirao, K., see H. Wasada		139 (1987) 155
Hiratsuka, H., T. Yamazaki, Y.	Maekawa, Y. Kajii, T. Hikida and Y. Mori, Fluorescence	
spectra and lifetimes of chalc	cone ketyl radical anions	139 (1987) 187
Hirose, C., see T. Masaki		139 (1987) 62
Hirota, N., see T. Akagi		139 (1987) 331
Hohl, D., R.O. Jones, R. Car an	nd M. Parrinello, The structure of selenium clusters - Se ₃	
40 Co		120 (1007) 540

to Se₈

Hollenstein, H., see A. Amrein

Hufnagel, F., see J.K. Vij

Hug, G.L., see R. Duguid

139 (1987) 540

139 (1987) 82

139 (1987) 77

139 (1987) 475

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September	r 1987
Huppert, D., see D. Pines-Roja	nski	139 (1987)	109
Imashiro, F., see T. Akagi		139 (1987)	331
Ippen, E.P., see L.R. Williams		139 (1987)	
	imation of extinction coefficient and radiative lifetime of	100 (100)	
a free radical, p-aminopheny		139 (1987)	89
	T. Kondow and K. Kuchitsu, Perturbations in the	,	
	and system. Vibrational assignment of the $B^2\Sigma^+ \sim {}^4\Pi$		
perturbation		139 (1987)	581
Ito, K., see M. Ukai		139 (1987)	612
Jerschkewitz, HG., see D. Free	ude	139 (1987)	325
Jodhan, A., see B. Ruzsicska		139 (1987)	
Johnson, B.F.G., see S.R. Drake	e	139 (1987)	
Jones, R.O., see D. Hohl		139 (1987)	
Jørgensen, C.K., see M. Eyal		139 (1987)	
	ne v_1 vibrational fundamental of the cyanogen-HF binary		
complex		139 (1987)	201
Jusinski, L.E., see G. Black		139 (1987)	41
Jusinski, L.E., see G. Black		139 (1987)	431
Kaim, W. and S. Kohlmann, El	PR evidence for related electronic structures of α-diimine		
	²⁺ and Re(CO) ₃ (halide) fragments	139 (1987)	365
Kajii, Y., see H. Hiratsuka		139 (1987)	
Karplus, M., see R. Elber		139 (1987)	375
Kasakura, A., see H. Umemoto		139 (1987)	311
Kawasaki, M. and H. Sato, Pho	todissociation of molecular beams of SO ₂ at 193 nm	139 (1987)	585
Kikuma, J., see H. Umemoto		139 (1987)	311
Kim, H.L., S. Reid and J.D. Mcl	Donald, Intramolecular vibrational state mixing in glyoxal		
by stimulated emission pump	ping spectroscopy	139 (1987)	525
Kimura, A., see M. Ukai		139 (1987)	
Kjellander, R., see P. Attard		139 (1987)	219
Klinowski, J., see H. Hamdan		139 (1987)	576
Knowles, D.B., see P.R. Bunker		139 (1987)	159
	Luke, Theoretical investigations of the low-lying elec-		
tronic states of the HeC2+ di	cation	139 (1987)	
Kocot, A., see K. Pasterny		139 (1987)	
Kohlmann, S., see W. Kaim		139 (1987)	
Kondow, T., see H. Ito		139 (1987)	581
	gsfield III, The electronic and vibrational energies of the sponds asymptotically to the interaction of two 1s2s ³ S He		
atoms		139 (1987)	
Korvatovsky, B.N., see P. Pančo	oška	139 (1987)	
Kotani, M., see S. Ishizaka		139 (1987)	
Kotsarenko, N.S., see V.M. Mas	stikhin	139 (1987)	
Kraemer, W.P., see R. Lindh		139 (1987)	
Kuchitsu, K., see H. Ito		139 (1987)	581
Kurylo, M.J., P. Dagaut, T.J. Wa	illington and D.M. Neuman, Kinetic measurements of the		

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
gas phase HO ₂ +CH ₃ O ₂ cro	ess-disproportionation reaction at 298 K	139 (1987) 513
Lablanquie, P., see M. Ukai		139 (1987) 612
	approximate estimate of the Li+HF reactivity	139 (1987) 140
	enar and S. Sokołowski, On the surface tension of a fluid of	137 (1707) 140
	es in contact with a hard wall	139 (1987) 277
Lambert, M., B. Callen, H. D.	ugan, S.V. Filseth, F.J. Morgan and C.M. Sadowski, ICN nm; $CN(B^2\Sigma)$ rotational distributions and fluorescence	100 (1001)
polarization		139 (1987) 45
Lambert, R.M., see K. Broomf	field	139 (1987) 267
Laporte, P., see E. Morikawa		139 (1987) 171
Laverdet, G., see C. Camy-Pey	ret	139 (1987) 345
Le Bras, G., see C. Camy-Peyro	et	139 (1987) 345
Lechuga-Fossat, L., see C. Can	• • •	139 (1987) 345
	ce, A.C. Scheiner and H.F. Schaefer III, Comparison of sin-	THE RESERVE
-	upled cluster and configuration interaction theories: deter-	
mination of structure and e	quilibrium properties for diatomic molecules	139 (1987) 134
	Bernage and P. Niay, Lifetime measurements of CuBr and	
CuI excited states: identifica	ation of the electronic states	139 (1987) 212
Leland, J.K. and A.J. Bard, Pro	eparation and electronic properties of monolayer tungsten	
oxide on silica particles		139 (1987) 453
Lengsfield III, B.H., see D.D. I	Konowalow	139 (1987) 417
Levine, R.D., see I. Benjamin		139 (1987) 285
Lewis, J., see S.R. Drake		139 (1987) 336
Liao, M.Z., see K. Balasubram	anian	139 (1987) 551
Lindh, R., B.O. Roos and W.P.	Kraemer, A CAS SCF CI study of the hydrogen migration	
potential in protonated acet	ylene, C ₂ H ₃ ⁺	139 (1987) 407
Littau, K.A., see M. Berg	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	139 (1987) 66
Locher, P., see A. Amrein		139 (1987) 82
Lohse, U., see D. Freude		139 (1987) 325
Lorenčak, P., see C. Wentrup		139 (1987) 613
Luke, B.T., see W. Koch	A STATE OF THE STA	139 (1987) 149
Macías, A. and A. Riera, Stabi	lization versus Feshbach techniques in the determination	
of resonances	• • • • • • • • • • • • • • • • • • • •	139 (1987) 300
Maekawa, Y., see H. Hiratsuka		139 (1987) 187
Makri, N. and W.H. Miller, M	onte Carlo integration with oscillatory integrands: impli-	
cations for Feynman path in		139 (1987) 10
Maquestiau, A., see C. Wentruj		139 (1987) 613
Markovitsi, D., see TH. Tran-	-Thi	139 (1987) 207
Marseglia, E.A., see S.R. Drake		139 (1987) 336
	Hirose, Observation of inter-Rydberg $K^{1}\Sigma^{+}-B^{1}\Sigma^{+}$ and	
$L^{1}\Pi - B^{1}\Sigma^{+}$ transitions of CO	O by optogalvanic spectroscopy	139 (1987) 62
Mastikhin, V.M., I.L. Mudrakov	sky, V.P. Shmachkova and N.S. Kotsarenko, ¹ H NMR and	
catalytic studies of surface h	ydroxyl groups in aluminium phosphate catalysts	139 (1987) 93
Maxwell, B.D., see R. Duguid		139 (1987) 475
Mayer, E., Non-freezing water	in simple salt solutions	139 (1987) 370

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
McCaffery, A.J., see A. Ticktin		139 (1987) 571
McCorkle, D.L., see A.A. Chris		139 (1987) 350
McDonald, J.D., see H.L. Kim		139 (1987) 525
McKinnon, M.S., see M.L.H. C		139 (1987) 321
	Meulen and A. Dymanus, High-resolution Lamb dip spec-	, (,
troscopy on OD and SiCl in		139 (1987) 603
• •	omery Jr., The electronic structure and stability of the	
H ₃ anion		139 (1987) 535
Millard, R.R., see B.I. Greene		139 (1987) 381
Miller, R.E., see K.W. Jucks		139 (1987) 201
Miller, W.H., see N. Makri		139 (1987) 10
Misewich, J., see J.H. Glownia		139 (1987) 491
Mitchell, D.J., see P. Attard		139 (1987) 219
Montgomery Jr., J.A., see H.H.	Michels	139 (1987) 535
	rements of UF ₆ ultraviolet photodissociation	139 (1987) 306
Morgan, F.J., see M. Lambert		139 (1987) 45
Mori, Y., see H. Hiratsuka		139 (1987) 187
	Saile and P. Laporte, Diffusion-controlled quenching of	,
the NO emission in rare gas		139 (1987) 171
Morrison, H., see R. Duguid		139 (1987) 475
Mudrakovsky, I.L., see V.M. M.	astikhin	139 (1987) 93
Munoz-Sola, Y., see R. Duguid		139 (1987) 475
	ong distance electron transfer from a triplet excited state	139 (1987) 437
Murty, B.N., see G.R. Desiraju		139 (1987) 360
Muthuramu, K., see R. Duguid		139 (1987) 475
Narasimhan, L.R., see M. Berg		139 (1987) 66
Narasimhan, L.R., see C.A. Wal	lsh	139 (1987) 485
	dependent self-consistent field approach to infrared laser	120 (1007) 25
multiphoton excitation		139 (1987) 35
Nelson, K.A., see L.R. Williams		139 (1987) 244
Neuman, D.M., see M.J. Kurylo		139 (1987) 513
Niay, P., see Y. Lefebvre		139 (1987) 212
Nickel, B.G., see R.L. Brooks		139 (1987) 503
Obertelli, S.D., see S.R. Drake		139 (1987) 336
Oehlmann, G., see D. Freude		139 (1987) 325
Orenstein, J., see B.I. Greene		139 (1987) 381
Orlandi, G., see F. Zerbetto		139 (1987) 401
Ozaki, Y., see H. Ito		139 (1987) 581
Pančoška, P., M. Urbanova, B.	N. Korvatovsky, V.Z. Paschenko and K. Vacek, Fluores-	
cence properties of tetraphen	ylporphyrin-polypeptide complexes as model photosyn-	
thetic systems		139 (1987) 49
Parkinson, W.A. and M.C. Zern	er, Calculation of molecular polarizabilities for large sys-	more and the second
tems within the random phas	se approximation	139 (1987) 563
Parlant, G., see M. Sizun		139 (1987) 1

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
Parrinello, M., see D. Hohl		139 (1987) 540
Paschenko, V.Z., see P. Pančoška	the state of the second of the	139 (1987) 49
	onvergence of memory functions for dielectric absorption	139 (1987) 295
Patrykiejew, A., see L. Łajtar		139 (1987) 277
Paulsen, M.D., B. Richey, C.F. Ar preferential interaction coeffici	nderson and M.T. Record Jr., The salt dependence of the ient in DNA solutions as determined by grand canonical	
Monte Carlo simulations		139 (1987) 448
Penar, J., see L. Łajtar		139 (1987) 277
Perico, A., see L.XQ. Chen		139 (1987) 55
	gy relaxation at surfaces: O ₂ chemisorbed on Pt(111)	139 (1987) 457
Petrich, J.W., see L.XQ. Chen		139 (1987) 55
Petrillo, C., see S. Cannistraro		139 (1987) 116
Pettiette, C.L., see S.H. Yang		139 (1987) 233
Pettitt, B.M., see D.F. Calef		139 (1987) 129
Pfeifer, H., see D. Freude		139 (1987) 325
Pilloud, D., see T. Hagan		139 (1987) 499
	nd D. Avnir, Pore-size effects on the fractal distribution	
	as revealed by electronic energy transfer on silica surfaces	139 (1987) 109
Polansky, O.E., see N. Tyutyulko		139 (1987) 281
Polavarapu, P.L., A frequency-we	ighted sum rule for vibrational Raman optical activity	139 (1987) 558
Polzonetti, G., see V. Di Castro		139 (1987) 215
	.W. Doane, The orientational ordering of benzyl alcohol	120 (1007) 500
in phospholipid bilayers		139 (1987) 589
Pouchan, C., see D.M. Bishop		139 (1987) 531
	R. Rao, A magic-angle spinning ³¹ P NMR investigation	
of crystalline and glassy inorga	nic phosphates	139 (1987) 96
Prager, D., see D. Freude		139 (1987) 325
Predtechenskiy, M.R., see A.A. V	ostrikov	139 (1987) 124
Pujadas, M., see I.J. Ferrer		139 (1987) 271
Pyper, N.C., see S.R. Drake		139 (1987) 336
Qian, C.X.W., H. Reisler and C. W	ittig, Radiative and non-radiative processes in jet-cooled	
NCNO		139 (1987) 175
Quack, M., see A. Amrein		139 (1987) 82
Ramaker, D.E., see H. Sambe		139 (1987) 386
Rao, C.N.R., see S. Prabhakar		139 (1987) 96
Rao, K.J., see S. Prabhakar		139 (1987) 96
Rasbury, V., see R. Duguid		139 (1987) 475
	J.C. Whitehead, The production of long-lived IF($B^3\Pi$)	137 (1701) 473
	ysis of a mixture of CF ₃ I and F ₂	139 (1987) 442
Record Jr., M.T., see M.D. Paulse		139 (1987) 448
	wave spectrum of methylmercury chloride: gas-phase	137 (1707) 440
-	pole moment and ²⁰¹ Hg quadrupole coupling	130 (1097) 505
Reid, S., see H.L. Kim	pole moment and Trig quadrupole coupling	139 (1987) 595
		139 (1987) 525
Reininger, R., see E. Morikawa		139 (1987) 171
Reisfeld, R., see M. Eyal		139 (1987) 395

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
Reisler, H., see C.X.W. Qian		139 (1987) 175
	duner and C.A. Scott, Muonium atom addition to 1,1-	
dimethylallene		139 (1987) 496
Rice, J.E., see T.J. Lee		139 (1987) 134
Richey, B., see M.D. Paulsen		139 (1987) 448
Riera, A., see A. Macías		139 (1987) 300
Roduner, E., see C.J. Rhodes		139 (1987) 496
Roos, B.O., see R. Lindh		139 (1987) 407
	O.P. Strausz and T.N. Bell, Flash photolysis of SiBr ₄ :	
The UV spectrum of SiBr ₂	O.1. Strausz and T.14. Den, Trash photolysis of Sibia.	139 (1987) 72
The O'V spectrum of Sibi ₂		137 (1707) 72
Sacchetti, F., see S. Cannistraro		139 (1987) 116
Sadowski, C.M., see M. Lambert		139 (1987) 45
Safarik, I., see B. Ruzsicska		139 (1987) 72
Saile, V., see E. Morikawa		139 (1987) 171
Salvador, P., see I.J. Ferrer		139 (1987) 271
	= colortion rule in electron attachment and autoion	
ization of diatomic molecules	s - selection rule in electron attachment and autoion-	
		139 (1987) 386
Sato, H., see M. Kawasaki		139 (1987) 585
Sato, S., see H. Umemoto		139 (1987) 311
Schaefer III, H.F., see T.J. Lee		139 (1987) 134
Scheiner, A.C., see T.J. Lee		139 (1987) 134
Schläpfer, C.W., see P. Favre		139 (1987) 250
Schmitt, U., see A. Amrein		139 (1987) 82
Schürmann, B.L., see P.R. Bunker		139 (1987) 159
Schuster, M., see Y. Yang		139 (1987) 239
Schweizer, K.S., see Z.G. Soos		139 (1987) 196
Scott, C.A., see C.J. Rhodes		139 (1987) 496
Scuseria, G.E., see T.J. Lee		139 (1987) 134
Shmachkova, V.P., see V.M. Mastikh	nin	139 (1987) 93
Simon, J., see TH. Tran-Thi		139 (1987) 207
Simon, J., see C. Sirlin		139 (1987) 362
Singh, TV., see R. Duguid		139 (1987) 475
Sirlin, C., L. Bosio, J. Simon, V. Ahse	en, E. Yilmazer and Ö. Bekâroğlu, Ion channel con-	
taining mesophases. Structural cha	aracteristics of condensed phases of crown-ether-sub-	
stituted phthalocyanines		139 (1987) 362
Sizun, M., G. Parlant and E.A. Gislas	on, A new mechanism for providing stable molecular	
products in high energy reactions		139 (1987) 1
Smalley, R.E., see S.H. Yang		139 (1987) 233
Sobolewski, A.L., On the possibility	of quantum beats in the total fluorescence of large	
molecules		139 (1987) 528
Sokołowski, S., see L. Łajtar		139 (1987) 277
Solgadi, D., see D. Winkoun		139 (1987) 546
	rption spectrum of flexible conjugated polymers: the	(1,20,7,0,10
weak-disorder limit		139 (1987) 196
Sorokin, P.P., see J.H. Glownia		139 (1987) 491
Spiess, H.W., see Y. Yang		139 (1987) 239
, , , , , , , , , , , , , , , , , , , ,		(1,01) 23)

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
Steer, R.P., see S.R. Abrams		139 (1987) 182
	Frozen fragment reduced variational space analysis of	
	s. Application to the water dimer	139 (1987) 15
Strausz, O.P., see B. Ruzsicska		139 (1987) 72
Sugiyarto, K.H., see H.A. Goodw	vin	139 (1987) 470
Suppan, P., see T. Hagan		139 (1987) 499
Suzuki, K., see H. Ito		139 (1987) 581
Symons, M.C.R., see C.J. Rhodes		139 (1987) 496
Szymanski, M., see S.R. Abrams		139 (1987) 182
Terao, T., see T. Akagi		139 (1987) 331
Ter Meulen, J.J., see G. Meijer		139 (1987) 603
Thomas, J.K., see J. Murtagh		139 (1987) 437
Ticktin, A., B.J. Whitaker and A.J.	J. McCaffery, Computational test of fitting laws for rota-	- Company
tional energy transfer		139 (1987) 571
Tiemann, E., see U. Wolf		139 (1987) 191
Tran-Thi, TH., D. Markovitsi, R.	Even and J. Simon, Laser-induced intramolecular charge	,
transfer in a lutetium bis-phth		139 (1987) 207
Twarowski, A., see P. Dao		139 (1987) 507
	y, An extension of the Coulson-Rushbrooke theorem	139 (1987) 281
Ubachs, W., see G. Meijer		139 (1987) 603
	ablanquie, K. Ito and A. Yagishita, Photoionization cross in the energy region of 20.3-23.8 eV, Chem. Phys. Let-	
ters 135 (1987) 51. Erratum		139 (1987) 612
	kuma and S. Sato, Mercury dimer emission around 235	120 (1007) 211
nm		139 (1987) 311
Urbanova, M., see P. Pančoška		139 (1987) 49
Vacek, K., see P. Pančoška		139 (1987) 49
Van Zee, R.J., R.F. Ferrante and molecules	W. Weltner Jr., ESR of the C ₂ ¹⁷ O, SiC ¹⁷ O, and ²⁹ Si ₂ O	139 (1987) 426
	for infrared broadband absorption in non-rigid polar	139 (1967) 420
molecules	far-infrared broadband absorption in non-rigid polar	139 (1987) 77
	d M.R. Predtechenskiy, Ionization of water clusters by	102 (1201)
surface collision	a manus reducementally, remainded or water endourse by	139 (1987) 124
Wallington, T.J., see M.J. Kurylo		139 (1987) 513
Walsh, C.A., see M. Berg		139 (1987) 66
Walsh, C.A., M. Berg, L.R. Naras	simhan and M.D. Fayer, Comment on "Optical homo- in ethanol glass: an apparent contradiction between hole-	137 (1707) 00
burning and photon-echo resul		139 (1987) 485
Wang, JH., see W.H. Breckenrid		139 (1987) 28
	I calculations of the electron affinity of HCO	139 (1987) 155
Wasylishen, R.E., see M.L.H. Gru		139 (1987) 321
Watkinson, T.M., see D. Raybone		139 (1987) 442
Weiner, A.M., see L.R. Williams		139 (1987) 244
, ranzi, see 2.10. Williams		107 (1701) 244

Volume 139, number 6	CHEMICAL PHYSICS LETTERS	11 September 1987
Weltner Jr., W., see R.J. van 2	Zee	139 (1987) 426
	Maquestiau and R. Flamming, C ₂ H ₂ N ₂ isomers in the H ₂ =N-CN and HN=CH-CN by collisional activation	
spectrometry, Chem. Phys.	Letters 137 (1987) 241. Erratum	139 (1987) 613
Westerman, P.W., see J.M. Po	pe	139 (1987) 589
Whitaker, B.J., see A. Ticktin		139 (1987) 571
Whitehead, J.C., see D. Raybo	one	139 (1987) 442
Williams, L.R., E.B. Gamble Jr	., K.A. Nelson, S. de Silvestri, A.M. Weiner and E.P.	Ippen,
Femtosecond time-resolved	measurements of electronic excited-state relaxation i	in pyr-
ene excimer-forming crystal	s	139 (1987) 244
Williams, L.R., see B.I. Green		139 (1987) 381
	P. Flament, An SCF CI study of the electronic states	of the
sulfur dioxide dication (SO		139 (1987) 546
Wittig, C., see C.X.W. Qian		139 (1987) 175
	potential curve for the C1II state of InCl	139 (1987) 191
Wu, C.H., The stability of the		139 (1987) 357
Yagishita, A., see M. Ukai		139 (1987) 612
Yamazaki, T., see H. Hiratsuki	a	139 (1987) 187
Yang, S.H., C.L. Pettiette, J. Co.	onceicao, O. Cheshnovsky and R.E. Smalley, UPS of	Buck-
minsterfullerene and other l	arge clusters of carbon	139 (1987) 233
	ich and H.W. Spiess, Dynamic magic-angle spinning	
spectroscopy: exchange-indu	ced sidebands	139 (1987) 239
Yilmazer, E., see C. Sirlin		139 (1987) 362
Zerbetto, F., M.Z. Zgierski and	G. Orlandi, Normal modes and ground state geome	etry of
	amic instability of the D _{2h} configuration	139 (1987) 401
Zerner, M.C., see W.A. Parkins		139 (1987) 563
Zgierski, M.Z., see F. Zerbetto		139 (1987) 401

